

Sub A17

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1 15. The apparatus as recited in claim 13 further comprising means for
2 enabling one or more deficiency compensation features according to the identification
3 of the remote communication device.

1 16. A computer program product encoded in at least one computer
2 readable medium, comprising:
3 a first instruction sequence executable to evaluate one or more characteristics
4 associated with signals sent by a remote communication device; and
5 a second instruction sequence executable to compare the evaluated one or
6 more characteristics to stored characteristics of known communication
7 devices and to provide a comparison result.

1 17. The computer program product as recited in claim 16 wherein the
2 comparison result is used to determine an identity of the remote communication
3 device.

1 18. The computer program product as recited in claim 16,
2 wherein the at least one computer readable medium is selected from the set of
3 a disk, tape or other magnetic, optical, or electronic storage medium
4 and a network, wireline, wireless or other communications medium.

1 19. The computer program product as recited in claim 16 further
2 comprising an instruction sequence executable to enable a communication feature
3 according to the comparison result to thereby better communicate with the remote
4 communication device.

1 20. The computer program product as recited in claim 19 wherein the
2 remote communication device is a digital modem and the feature is a request for
3 spectral shaping by an analog modem.

1 21. The computer program product as recited in claim 16 wherein the
2 computer program product is executable on a device having communication capability
3 and which is coupled to the remote communication device.

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1 33. The apparatus as recited in claim 24 wherein the apparatus includes a
2 general purpose processor.